Repairing NEC VT700 Lamp Cover

How to repair a "Lamp cover error or lamp housing error" due to a missing part of the lamp cover.

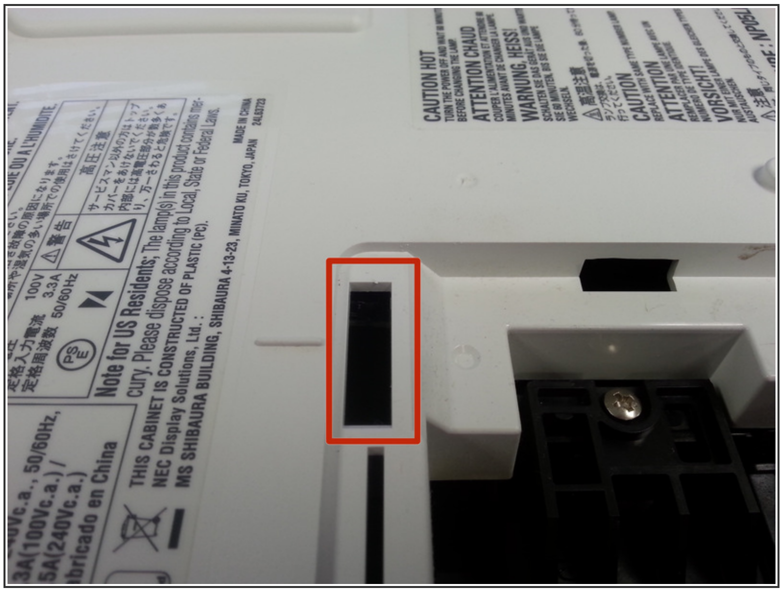
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INTRODUCTION

This projector might stop working for no apparent reason and the status light will flash red, 0.5 sec on, 2.5 sec off sequence. This indicates a "Lamp cover error or lamp housing error" according to the manual. This error can be caused by a plastic part breaking off of the lamp cover. I was able to repair this easily and place the projector back into service.

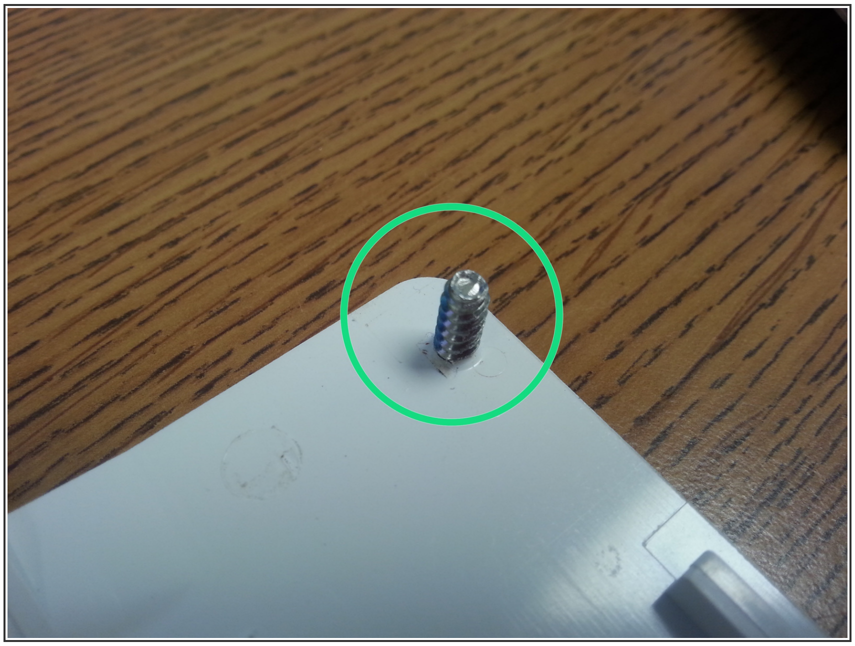
Step 1 — The Root of the Problem





- This is the bottom of the projector with the lamp cover removed. The long rectangle shaped slot in the center of the photo has a micro switch located at the far end that would indicate the cover being in place.
- This is the inside of the lamp cover. At the marked location (sorry the repair is already in place) there should be a plastic "L" shaped extension from the cover. This would extend into the slot in the first photo and actuate the switch indicating the cover is in place. This was broken off of the cover.

Step 2 — The Fix



- Carefully locating the hole with the marking of the missing piece, drill a hole suitable for a screw of about 3 mm diameter. The screw needs to extend about 10 mm from the surface of the lamp cover to actuate the switch, but it should not extend much beyond this.
- The screw goes through the cover, from the outside of the lamp cover and must extend into the slot mentioned in step 1.
- All better! The projector now works as intended.

To reassemble your device, follow these instructions in reverse order.

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